



SL60 2 mile LED Compact Lantern

The SL60 is the most advanced and versatile compact LED marine lantern available. Made from tough, durable polycarbonate and using the latest high-intensity LED's, no expense has been spared in the design and development of this lantern.

The light has over 250 flash characters, adjustable on-site by the user, and boasts a completely sealed battery compartment - enabling the battery to be changed after years of service.

The SL60 lantern is ideal for:

- Hazard lighting
- Aquaculture
- Navigation
- Perimeter lighting

Consider the advantages:

- Maintenance-free
- 256 adjustable flash characteristics
- Adjustable intensity settings
- User-replaceable battery
- Bird-spike



The SL60 can be easily installed in minutes, and requires no further operator intervention.

During daylight hours the solar module will charge the battery, and the lantern will automatically begin operation at dusk - once the ambient light threshold drops sufficiently.

The unit has an internal on/off switch for easy storage, 2 rotary switches for flash code setting, and adjustable intensity settings.

Coupled with LED technology and a highly efficient DC/DC converter, the lantern may provide over 25 days continuous operation without sunlight.

The lantern includes Sealite's unique LED Reflector to increase intensity and provide an even 360° beam.

Another benefit of the Sealite unit is the tough polycarbonate lens, specifically designed for use with LEDs, and incorporates an environment-friendly spike - deterring unwelcome bird life.



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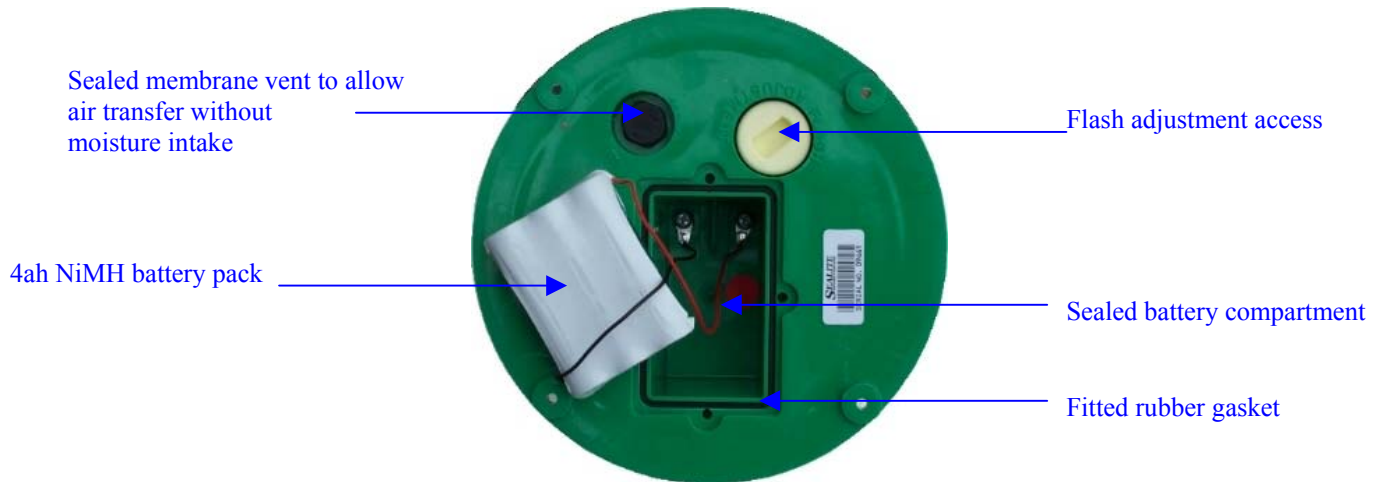
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The Sealite advantage...



Sealite SL60 polycarbonate base



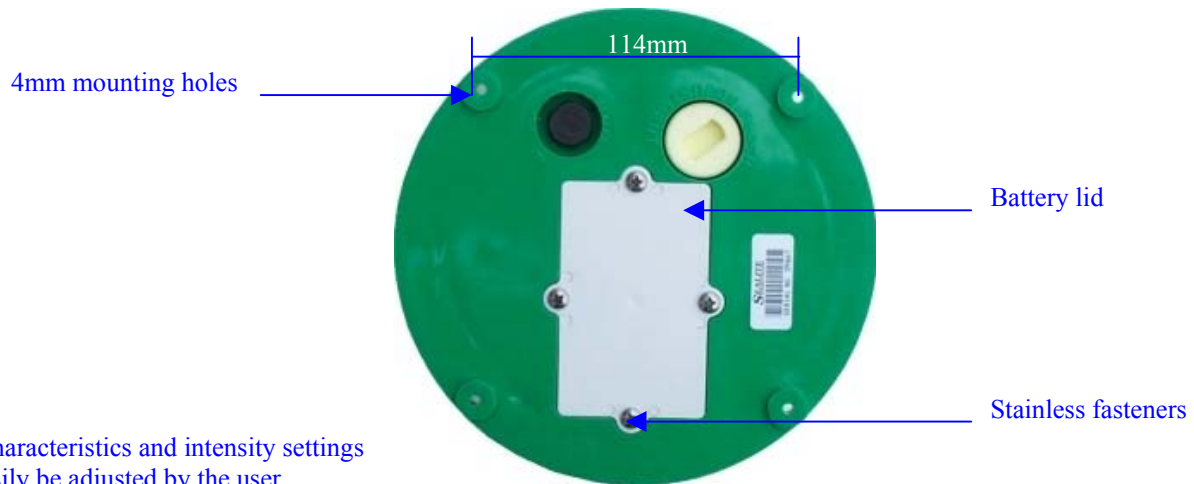
Sealed membrane vent to allow air transfer without moisture intake

Flash adjustment access

4ah NiMH battery pack

Sealed battery compartment

Fitted rubber gasket



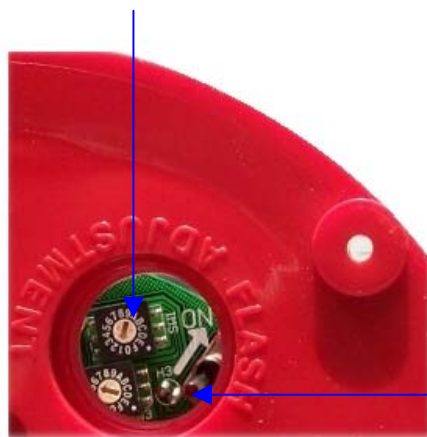
4mm mounting holes

114mm

Battery lid

Stainless fasteners

Flash characteristics and intensity settings may easily be adjusted by the user



On/Off switch for easy storage.

'Solar module will continue to charge the battery in 'off' position'

LED Reflector



The Sealite LED Reflector (patents pending) increases the lanterns intensity by capturing 'lost light' and directing it to the focal plane of the lens



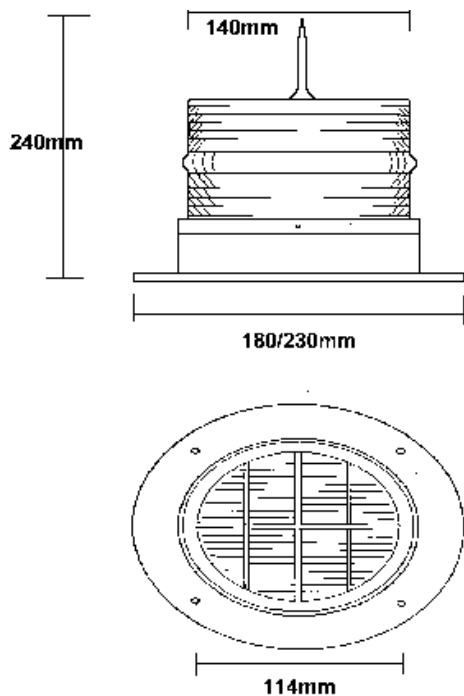
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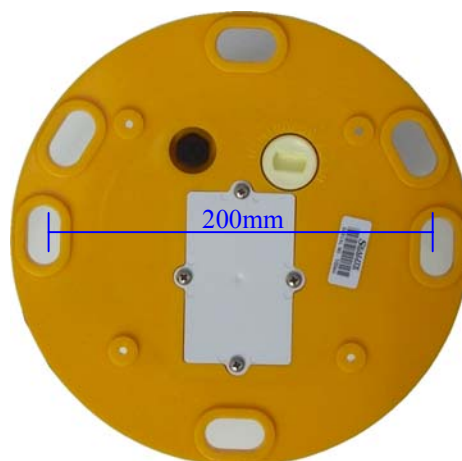
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SL60 Diagram



Options



The SL60 lantern is available in the large base pattern on request



A flat mounting plate is also available for pole-mounting

Specifications*;

Light Source	6 Ultra high intensity LEDs	Red, Green, White, Yellow, Blue With LED Reflector. International patents pending.
Solar Module	1.3watt	
Battery	4ah	High Grade NiMH
Peak Intensity	8.3cd	2 mile range
Vertical Divergence	+/- 4.5 degrees	
Autonomy – Darkness	25 days typical	10% duty cycle 12 hour night
Flash characteristics	256	IALA recommended User-adjustable on-site
Storage	On/Off switch	Solar module will continue to charge the lantern in 'off' position
Mounting	4 mounting holes	4mm large 200mm industry standard base pattern available on request
Lens	Sealite optical polycarbonate LED lens with bird spike	
Base	UV Stabilised polycarbonate	Coloured for easy identification With sealed battery compartment
Environmental	Ambient temperature range -30°C to +85°C Humidity 0 to 100%	
Mass	1kg	
Quality Assurance	ISO9001:2000	
Warranty	3 years**	

* May be subject to change at any time

** Standard conditions apply



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